CLAIM AMENDMENTS:

Please amend the claims as described below. In accordance with 37 CFR §1.121, a complete listing of all claims in the application is provided below. Notably, the status of each claim is indicated in the parenthetical expression adjacent to the claim number.

Claims 1 - 8 (**canceled**).

9. (**currently amended**) A method of acoustically monitoring a wind power installation that generates electrical power, wherein the wind power installation includes ~~having~~ a plurality of components including at least rotor blades, the method comprising:

detecting an operating acoustic spectrum generated by at least one of the components during operation of the wind power installation;

comparing the operating acoustic spectrum to a reference acoustic spectrum;

detecting a deviation between the operating acoustic spectrum and the reference acoustic spectrum; ~~and~~

detecting whether the deviation between the operating acoustic spectrum and the reference acoustic spectrum exceeds a threshold; and

communicating audible sounds which caused the deviation between the operating acoustic spectrum and the reference acoustic spectrum to a remote monitoring center when the deviation between the operating acoustic spectrum and the reference acoustic spectrum exceeds the threshold.

10. (**previously presented**) The method of claim 9 wherein the reference acoustic spectrum is an acoustic spectrum produced by the component during normal operation.

11. (**previously presented**) The method of claim 9 wherein the reference acoustic spectrum is an acoustic spectrum that is expected to be generated by the component during normal operation.

12. (**previously presented**) The method of claim 9 wherein when the deviation between the operating acoustic spectrum and the reference acoustic spectrum exceeds the threshold, the operation of the wind power installation is automatically or manually terminated.

13. (**currently amended**) The method of claim 9 further including:

repetitively detecting the operating acoustic spectrum generated by the component of the wind power installation;

repetitively comparing the detected operating acoustic spectrums to a reference acoustic spectrum; and

detecting whether the comparison between the detected operating acoustic spectrums to a reference acoustic spectrum exceeds a threshold.

14. (**currently amended**) The method of claim 9 further including:

continuously detecting the operating acoustic spectrum generated by the component of the wind power installation;

comparing the detected operating acoustic spectrums to a reference acoustic spectrum; and

detecting whether the comparison between the detected operating acoustic spectrums to a reference acoustic spectrum exceeds a threshold.

15. (**currently amended**) The method of claims 13 ~~and~~ or14 further including generating an acoustic spectrum database using the detected operating acoustic spectrums.

16. (**currently amended**) A method of acoustically monitoring a wind power installation that generates electrical power, wherein the wind power installation includes ~~having~~ a plurality of components including at least rotor blades, the method comprising:

detecting a first operating acoustic spectrum generated by at least one component during operation of the wind power installation at a first power output level;

detecting a second operating acoustic spectrum generated by the component during operation of the wind power installation at a second power output level;

comparing the first operating acoustic spectrum to a first reference acoustic spectrum;

comparing the first operating acoustic spectrum to a second reference acoustic spectrum;

detecting whether a deviation between the first operating acoustic spectrum and the first reference acoustic spectrum exceeds a first threshold; ~~and~~

detecting whether a deviation between the second operating acoustic spectrum and the ~~first~~ second reference acoustic spectrum exceeds a second threshold;

communicating audible sounds which caused the deviation between the first operating acoustic spectrum and the first reference acoustic spectrum to a remote

monitoring center if the deviation between the first operating acoustic spectrum and the first reference acoustic spectrum exceeds the first threshold; and

communicating audible sounds which caused the deviation between the second operating acoustic spectrum and the second reference acoustic spectrum to the remote monitoring center if the deviation between the second operating acoustic spectrum and the second reference acoustic spectrum exceeds the second threshold.

17. (**previously presented**) The method of claim 16 wherein the first reference acoustic spectrum is the acoustic spectrum produced by the component during normal operation and while the wind power installation is operating at the first power output level.

18. (**previously presented**) The method of claim 17 wherein the second reference acoustic spectrum is the acoustic spectrum produced by the component during normal operation and while the wind power installation is operating at the first power output level.

19. (**previously presented**) The method of claim 16 wherein the first reference acoustic spectrum is an acoustic spectrum that is expected to be generated by the component during normal operation and while the wind power installation is operating at the first power output level.

20. (**previously presented**) The method of claim 19 wherein the second reference acoustic spectrum is an acoustic spectrum that is expected to be generated by the component during normal operation and while the wind power installation is operating at the second power output level.

21. (**previously presented**) The method of claim 16 wherein when the deviation between the first operating acoustic spectrum and the first reference acoustic spectrum exceeds the first threshold, the operation of the wind power installation is automatically or manually terminated.

22. (**previously presented**) The method of claim 16 wherein when the deviation between the second operating acoustic spectrum and the second reference acoustic spectrum exceeds the second threshold, the operation of the wind power installation is automatically or manually terminated.

23. (**currently amended**) The method of claims 16 ~~and~~ or 22 wherein the first threshold is equal to the second threshold.

24. (**currently amended**) A method of acoustically monitoring a wind power installation that generates electrical power, wherein the wind power installation includes ~~having~~ a plurality of components including at least rotor blades, the method comprising:

recording a first noise spectrum generated by at least one component during operation of the wind power installation at a first output power level;

comparing the first noise spectrum to a first reference noise spectrum;

detecting deviations between the first noise spectrum and the first reference noise spectrum;

communicating the deviations to a remote monitoring center; and

communicating ~~signals representative of the~~ audible sounds that caused the deviations between the first noise spectrum and the first reference noise spectrum to the remote monitoring center.

25. (**previously presented**) The method of claim 24 further including continuously or repetitively recording noise spectrums generated by the at least one component during operation of the wind power installation.

26. (**currently amended**) The method of claim 24 further including generating an acoustic spectrum database using ~~the~~ recorded noise spectrums.

27. (**previously presented**) The method of claim 24 wherein the wind power installation is shut down if the deviations between the first noise spectrum and the first reference noise spectrum exceed a predetermined threshold value.

28. (**previously presented**) The method of claim 24 further including:

recording a second noise spectrum generated by the at least one component during operation of the wind power installation at a second output power level;

comparing the second noise spectrum to a second reference noise spectrum;

detecting deviations between the second noise spectrum and the second reference noise spectrum;

communicating the deviations to a remote monitoring center; and

communicating signals representative of the sounds that caused the deviations between the second noise spectrum and the second reference noise spectrum to the remote monitoring center.

29. (**currently amended**) The method of claim 28 wherein:

the first reference noise spectrum is a noise spectrum produced by the component during normal operation and while the wind power installation is operating at a first power output level; and

the second reference noise spectrum is the noise spectrum produced by the component during normal operation and while the wind power installation is operating at a second power output level.

30. (**canceled**)

31. (**currently amended**) The method of claim 28 wherein:

the first reference noise spectrum is a noise spectrum that is expected to be generated by the component during normal operation and while the wind power installation is operating at the first power output level; and

the second reference noise spectrum is a noise spectrum that is expected to be generated by the component during normal operation and while the wind power installation is operating at the second power output level.

32. (**canceled**)

33. (**previously presented**) The method of claim 24 wherein when the deviation between the first operating acoustic spectrum and the first reference acoustic spectrum exceeds a predetermined threshold value, the operation of the wind power installation is automatically or manually terminated.

34. (**previously presented**) The method of claim 24 wherein when the deviation between the second operating acoustic spectrum and the second reference acoustic spectrum exceeds a predetermined threshold value, the operation of the wind power installation is automatically or manually terminated.

35. (**new**) The method of claim 9 further including communicating the deviation between the operating acoustic spectrum and the reference acoustic spectrum to the remote monitoring center when the deviation exceeds the threshold.

36. (**new**) The method of claim 16 further including:

communicating the deviation between the first operating acoustic spectrum and the first reference acoustic spectrum to the remote monitoring center when the deviation exceeds the first threshold; and

communicating the deviation between the second operating acoustic spectrum and the second reference acoustic spectrum to the remote monitoring center when the deviation exceeds the second threshold.